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June 15, 1965

TECHNICAL TRANSLATIONS

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June 15, 1965 Volume 13, Number 11

TECHNICAL TRANSLATIONS

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PURPOSE

Technical Translations announces to the public the availability and provides order information for translated scientific and technical reports, periodicals and books. Although most of the literature has been translated into English, some is in other Western European languages. The language of the translation, if other than English, is noted in the citation. Most of the material is of Soviet origin, but works from Eastern and Western European countries and from the Orient, especially Japan and Communist China, are also cited. In order to avoid duplication of effort, translations in process are also announced.

FORMAT

This journal is separated into five sections:

(1) Bibliographic citations are listed alphabetically by author or title under broad subject headings.

(2) Book Reviews of translated scientific and technical literature are listed.

(3) Translations in Progress: lists titles of translations being prepared by government and private sources. All Special Foreign Currency Science Information (SFCSI) Program translations are listed (formerly PL 480 Program).

(4) Translated Periodicals: "Periodicals Translated Cover-To-Cover" lists titles of approximately 190 technical and scientific periodicals regularly translated into English. "Tables of Contents of Recently Translated Journal Issues" are included; they are preceded by a list of the foreign titles of the journals from which they are taken.

(5) Indexes: three indexes are arranged by author, journal and translation number.

HOW TO ORDER

Each bibliographic entry contains the acronym or initials of the agency from which the translation is to be ordered; these are keyed to the complete list of ordering addresses preceding the first section. Order by the title and number given in the citation. Translations available from the Clearinghouse (CFSTI) often have alternative prices cited as hard copy (HC) and microfiche copy (MF). Make check or money order payable to agency indicated. Most of the literature is available from the Clearinghouse, the Special Libraries Association Translations center (SLA), or the European Translations Centre (ETC).

REFERENCE SERVICE

Reference services for the location and identification of translated materials, completed or in process, are provided by the Clearinghouse, Special Libraries Association Translations Center, and the European Translations Centre. Mailing addresses are listed in the pages headed "How To Order Translations."

TRANSLATORS

The work of translating the material listed is being done at many points, domestic and foreign, government and private. Among them are the Joint Publications Research Service, which translates foreign research at the request of other Federal agencies; commercial translators; publishers; and universities. The Special Foreign Currency Science Information Program, administered by the National Science Foundation, produces translations prepared in the participating countries of Israel, Poland and Yugoslavia. The Special Libraries Association is responsible for collecting translations from non-government sources, domestic and foreign; and the Clearinghouse from foreign and U.S. Government sources. Translators may have their works cited in the journal by sending the bibliographic and availability information to the Clearinghouse. A copyright release statement is required if the works are to be sold by the Clearinghouse.

U.S. DEPARTMENT OF COMMERCE
John T. Connor, Secretary

CLEARINGHOUSE FOR FEDERAL SCIENTIFIC AND TECHNICAL INFORMATION
Springfield, Va. 22151
Bernard M. Fry, Director

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CUMULATIVE INDEXES

The following Cumulative Indexes for Technical Translations are available from Superintendent of Documents, Government Printing Office, Washington, D. C. 20402:

Volume 10	July - December	1963	$2.00
Volume 9	January - June	1963	$1.00
Volume 8	July - December	1962	$1.00
Volume 7	January - June	1962	$1.00
Volume 6	July - December	1961	$1.00
Volume 5	January - June	1961	$1.00
Volume 4	July - December	1960	$1.00
Volume 3	January - June	1960	$1.00
Volume 2	July - December	1959	$3.00
Volume 1	January - June	1959	$1.50

HOW TO ORDER TRANSLATIONS

The translations reported in this issue are arranged under the categories indicated in the Contents. The sub-groups of the categories are flexible and used only when there are several translations in a particular sub-group. When the subject of a sub-group is not included in the Contents, reference should be made to the general category into which it falls.

References to sources of original text are given as they appear on the translation, with sufficient editing to assure uniformity in citations.

Some of the translation notes for individual translations have been marked with the symbol (#) preceding the name of the journal. This symbol indicates that the particular journal is also translated cover-to-cover.

Listed below are agencies from which translations may be purchased. Each entry in the Technical Translations indicates by symbol the agency from which the translation should be ordered, the cost of the translation (if known), and the number by which the translation may be ordered, if such a number exists. Make check or money order payable to the agency indicated.

SYMBOLS FOR SOURCES OF TRANSLATIONS

AC
A. Capelo
P. O. Box 46354
Hollywood, California 90046

AGI
AGI Translations Office
American Geological Institute
1444 N Street, N. W.
Washington, D. C. 20005

AGS
American Geographical Society
Broadway at 156th Street
New York, New York 10032

AGU
American Geophysical Union
Suite 506, 1145 19th Street, N. W.
Washington, D. C. 20036

AIAA
American Institute of Aeronautics & Astronautics
500 Fifth Avenue
New York, New York 10036

AIBS
American Institute of Biological Sciences
2000 P Street, N. W.
Washington, D. C. 20006

AIP
American Institute of Physics
335 East 45th Street
New York, New York 10017

AIS
Argus Information Service
624 N. Eutawa Street
Baltimore, Maryland 21201

AM
Acta Metallurgica
122 East 55th Street
New York, New York 10022

AMS
American Mathematical Society
190 Hope Street
Providence, Rhode Island 02906

ANSP
Academy of Natural Sciences of Philadelphia
19th St. & The Parkway
Philadelphia, Pennsylvania 19103

API
Academic Press, Inc.
111 Fifth Avenue
New York, New York 10003

ARS
American Rocket Society, Inc.
20th & Northampton Streets
Easton, Pennsylvania 18042

ATS
Associated Technical Services, Inc.
P. O. Box 271
East Orange, New Jersey 07017

BGIRA
British Glass Industry Research Association
Northumberland Road
Sheffield 10, England

BIHR
Circulation Manager
Translations of the Beltone Institute for Hearing Research
2900 West 36th Street
Chicago, Illinois 60632

BISI
British Iron & Steel Industry Translation Service
The Iron & Steel Institute
4, Grosvenor Gardens
London, S. W. 1, England

BWRA
British Welding Research Association
Abington Hall, Abington
Cambridge, England

CB
Consultants Bureau Enterprises, Inc.
227 West 17th Street
New York, New York 10011

CBT
Centre Belge de Traductions
Bibliotheque Royale
4 Boulevard de l'Empereur
Brussels, Belgium

CCT
Consultants Custom Translations Inc.
227 West 17th Street
New York, New York 10011

CFSTI
Clearinghouse for Federal Scientific & Technical Information (Formerly Office of Technical Services)
Port Royal & Braddock Roads
Springfield, Virginia 22151
(Also available through Department of Commerce Field Offices)

CHP
Cleaver-Hume Press, Ltd.
31, Wright's Lane
London, W. 8, England

CID
Centro de Informacion y Documentacion,
Patronato Juan de la Cierva,
Serrano 150, Apartado 743
Madrid 6, Spain

CIDNT
Centralny Instytut Dokumentacji Naukowo-Technicznej
Warszawa 12
Aleja Niepodleglosci 188
Poland

CNP
Comitato Nazionale per la Produttivita
Service d'Information
Viale Regina Margherita N. 83D
Rome, Italy

CNRS
Centre National de la Recherche Scientifique
Centre de Documentation
15 Quai Anatole France
Paris 7, France

CSIR
Council for Scientific and Industrial Research
The Head
Information Division
P. O. Box 395
Pretoria, Republic of South Africa

CSIRO
Commonwealth Scientific & Industrial Research Organization
Information Service
314 Albert Street
East Melbourne C. 2, Victoria
Australia

CTRA
The Librarian
The Coal Tar Research Association
Oxford Road
Gomersal, Leeds, England

CTS (Chem)
Chemical Translating Service
2243 Greer Road
Palo Alto, California 94300

CTT
Columbia Technical Translations
5 Vermont Avenue
White Plains, New York 10600

DI
Circulation Unit
Department of the Interior
Central Library
Room 1149
Washington, D. C. 20240

DTC
Danish Translations Centre,
c/o Library of the Danish Atomic Energy Commission,
Riso. Roskilde, Denmark

EIS
Engineering Information Services
Kirkham, Preston, Lancashire,
England

ES
Erica Stux
584 Moreley Avenue
Akron, Ohio 44320

ETC
European Translations Centre
Doelenstraat 101, Delft,
The Netherlands

ETH
Eidgenossische Technische Hochschule
Zurich, Switzerland

ETHB
Eidgenossische Technische Hochschulbibliotek
Leonhardstrasse 33
Zurich, Switzerland

EURO-T.S.
Euro-Translation Service
20 Rue Europe
Grivegnée (Liège), Belgium

FASEB
Federation of American Societies for Experimental Biology
9650 Wisconsin Avenue
Washington, D. C. 20014

FRI
Fulmer Research Institute, Ltd.
Stoke Poges,
Buckinghamshire, England

FT
Faraday Translations
15 Park Row
New York, New York 10038

GB
Gordon and Breach
Publishers, Inc.
150 Fifth Avenue
New York, New York 10011

GPO
Superintendent of Documents
Government Printing Office
Washington, D. C. 20402

GPRC
Geophysical & Polar Research Center
6021 S. Highland Road
Madison, Wisconsin 53706

HB
Henry Brutcher
P. O. Box 157
Altadena, California 91001

HMSO
Her Majesty's Stationery Office
P. O. B. 569
London, S. E. 1, England

HTCBN
Hungarian Trading Company for Books & Newspapers "Kultura"
Budapest 62, P. O. Box 149

ICE
International Chemical Engineering
345 East 47th Street
New York, New York 10017

IEEE
Institute of Electrical & Electronics Engineers
275 Madison Avenue
New York, New York 10016

INFOSERV
Infoserv
P. O. Box 217
West Hartford, Connecticut 06097

INT
International Patent Service N. V.
P. O. Box 101
's-Hertogenbosch,
The Netherlands

IP
Interscience Publishers, Inc.
250 Fifth Avenue
New York, New York 10001

IPST
Israel Program for Scientific Translation
Kiryat Moshe
P. O. Box 7145
Jerusalem, Israel

ISA
Instrument Society of America
530 William Penn Place
Pittsburgh, Pennsylvania 15219

K-H
Kresge-Hooker Science Library Associates
Wayne State University
Detroit, Michigan 48202

LAND-AIR
Land-Air, Inc.
Pacific Missile Range
Point Mugu, California 95468

LC
Photoduplication Service
Publication Board Project
Library of Congress
Washington, D. C. 20540

LNEC
Laboratorio Nacional de Engenharia Civil
Ministerio das Obras Publicas
Avenida do Brasil
Lisbon 5, Portugal

LS
Lingua Scientiae
Box 21086 Campus Station
Cincinnati, Ohio 45221

LSA
Literature Service Associates
Route 1
Bound Brook, New Jersey 08805

MACL
Maclaren and Sons, Ltd.
Maclaren House
131 Great Suffolk Street
London, S. E. 1, England

MACM
Macmillan Co.
60 Fifth Avenue
New York, New York 10011

MDF
Morris D. Friedman
7553 Waterford Drive
San Jose, California 95129

MFA/TS
Metal Finishing Abstracts Translation Services
85 Udney Park Road
Teddington, Middlesex, England

MPIK
Max-Planck-Institut fur Kohlenforschung
Bibliothek der Abteilung Strahlenchemie Stiftstrasse 34-36
433 Mulheim and der Ruhr,
West Germany

MT
M. de O. Tollemache
Pennyford Cottage,
Burrington,
Umberleigh, Devon, England

MUL
Mulholland Enginnering Translations
26 Burton Woods Lane
Cincinnati, Ohio 45229

NASA
National Aeronautics and Space Administration
1520 H Street, N. W.
Washington, D. C. 20546

NLL
National Lending Library for Science and Technology
Boston Spa, Yorkshire, England

NRCC
National Research Council, Library
Ottawa 2, Canada

OB
Oliver & Boyd, Ltd.
Tweeddale Court
14 High Street
Edinburgh 1, Scotland

OSA
Optical Society of America, Inc.
33 University Road
Cambridge, Massachusetts 02138

PANSDOC
Pakistan National Scientific and Technical Documentation Centre
2/141-S
P. E. C. H. S.
Karachi 29, Pakistan

PERA
The Information Manager
Production Engineering Research Association
Melton Mowbray
Leicestershire, England

PLP
Plenum Press, Inc.
227 West 17th Street
New York, New York 10011

PP
Pergamon Press
44-01 21st Street
Long Island City, New York

PS
Primary Sources
11 Bleecker Street
New York, New York 10012

RIA
Research International Associates
1522 Connecticut Avenue, N. W.
Washington, D. C. 20006

RIS
Research Information Service
Div. of Maxwell Scientific International, Inc.
44-01 21st Street
Long Island City, New York

SA
Seizaburo Aoki
Japanese Language Translation Service
15/2027 Chogo
Fujisawa, Japan

SIAM
Business Manager
SIAM Publications
Box 7541
Philadelphia, Pennsylvania 19100

SIC
Scientific Information Consultants Limited
661 Finchley Road
London N. W. 2, England

SLA
Translations Center
The John Crerar Library
35 West 33rd Street
Chicago, Illinois 60616

SSSA
Soil Science Society of America, Inc.
Program Director, Soviet Soil Science
677 South Segoe Road
Madison, Wisconsin 53711

ST
Scripta Technica, Inc.
1000 Vermont Avenue, N. W.
Washington, D. C. 20005

STC
Swedish Translation Centre
Kunglige Tekniske Hogskolans Bibliotek
Stockholm, Sweden

STS
Scientific Translation Service
1938 Verdugo Knolls Drive
Glendale, Calif. 91200

STT
SCIENTECH, Scientific & Technical Translations
P. O. Box 3530
Cleveland, Ohio 44118

TC
Trans-Chem
Chemical Translation Service
1216 Oakdale, S. E.
Knoxville, Tennessee 37914

TDL
Mr. John Wiley
Technical Development Laboratories
P. O. Box 769
Savannah, Georgia 31400

TF
Taylor and Francis Ltd.
Red Lion Court, Fleet Street,
London, E.C. 4, England

TIB
Technische Informationsbibliothek
Am Welfengarten 1,
Hannover, West Germany

TIC
Technical Information Company
Patents Department
Chancery House
Chancery Lane
London, W.C. 2, England

TTIS
Translation and Technical Information Services
32 Manaton Road
London, S. E. 15, England

UBO
Royal University Library
Drammensveien 42B
Oslo, Norway

WBI
Warren Birkenhead, Inc.
901 Northern Life Tower
Seattle, Washington 98101
or
No. 25, 2-Chome, Shiba Hamamatsu-Cho
Minato-Ku, Tokyo, Japan

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Springfield, Va. 22151

TECHNICAL TRANSLATIONS

Volume 13, Number 11 Pages 863 - 926 June 15, 1965

AGRICULTURE

AGRICULTURAL ENGINEERING: SELECTED ARTICLES. 1965, 117p SFCSI Arg.
Order from CFSTI or ETC $4.00 TT-64-11086

Trans. of Traktory i Sel'khozmashiny (USSR) 1961 [v. 31] no. 8, p. 8-10, 18-20; no. 10, p. 7-10, 27-29; 1962 [v. 32] no. 1, p. 32-34; no. 7, p. 13-15; no. 8, p. 25-27; no. 11, p. 46-47; Mekhanizatsiya i Elektrifikatsiya Sotsialisticheskogo Sel'skogo Khozyaistva (USSR) 1962 [v. 20, no. 2] p. 25-28; [no. 3] p. 6-9, 13-16, 53-58; Tekhnika v Sel'skom Khozyaistve (USSR) 1960 [v. 20] no. 6, p. 62-64; no. 10, p. 70-72, 81-82; no. 11, p. 49-53, 78-79; no. 12, p. 61-62.

JOURNAL FOR SCIENTIFIC AGRICULTURAL RESEARCH, 1964, VOL. 17, NO. 57
Bozidar Filipovic, tr. 1964, 146p SFCSI Agr.
Order from CFSTI or ETC HC $4.00 TT-64-11453/3

Trans. of Arhiv za Poljoprivredne Nauke [i Tehniku] (Yugoslavia) 1964, v. 17, no. 57, p. 3-157.

For table of contents see the "Periodicals Translated Cover-to-Cover" section of this issue.

Sigryanskii, A.M.
GRANARY MITES AS VECTORS OF DISEASES OF AGRICULTURAL PLANTS.
Order from Pansdoc Pansdoc-tr.365

Trans. of Moscow Univ. Uchenye Zapiski, 1940, no. 42, p. 167-177.
Another trans. is available from CFSTI, ETC or SLA $2.60 as TT-61-23641, RTS-1839, June 61 [21p].

Tugarinov, V. V.
THE IMPORTANCE OF THE CORRECT STORAGE OF GRAIN. 20 Mar 64, 11p (figs tables omitted)
Trans. no. F.36.
Order from CFSTI or ETC HC $1.00, MF $0.50
TT-65-61288

Unedited trans. of Sovetskaya Agronomiya (USSR) 1947 [v. 5] no. 2, p. 42-48.

Legibility of this document is in part unsatisfactory. Reproduction has been made from the best available copy.

Animal Husbandry

Berg, L. S.
VERNAL AND HIEMAL RACES AMONG ANADROMOUS FISHES (Yarovye i Ozimye Rasy u Prokhodnykh Ryb). [23p] 34refs FRBC Trans. Series no. 206.
Order from SLA $2.60 TT-60-14061

Trans. of reprint of Akademiya Nauk SSSR. Otdelenie Matematicheskikh i Estestvennykh Nauk. Izvestiya, 1934, no. 5, p. 711-732 (pub. in Fisheries Research Board. Journal (Canada) 1959, v. 16, no. 4, p. 515-537). Also available from NRC as C-3045.

Egorova, L. N. and Treshcheva, V. I.
USE OF ANTIOXIDANTS AND CHANGES IN FAT IN THE MANUFACTURE OF FISH MEAL (Primenenie Antiokislitelei i Issledovanie Izmenenii Zhira v Protsesse Prigotovleniya Rybnoi Muki). Dec 64, 8p RTS 2778.
Order from NLL 15s

Trans. of Rybnoe Khozyaistvo (USSR) 1961, v. 37, no. 11, p. 76-81.

Krikunov, M. S.
THE EXCRETORY FUNCTION OF THE STOMACH OF THE PIG AND CHANGES DURING INVASION BY ASCARIDAE. Feb 65, 12p 17refs RTS-2846.
Order from NLL 20s

Trans. of Trudy Ukrainskogo Obshchesvta Parazit. [sic] 1961, v. 1, p. 86-93.

Mozgovoi, A. A.
EXPERIMENTAL STUDY OF THE CLINICAL PICTURE OF SWINE TRICHURIASIS (Eksperimental'noe Izuchenie Kliniki Trikhotsefaleza Svinei). Dec 64 [9p] RTS 2725.
Order from NLL 10s

Trans. of Veterinariya (USSR) 1952, v. 29, no. 10, p. 24-27.

Pavlov, P.
CONTROL OF INFECTIOUS AND INVASIVE DISEASES OF ANIMALS IN BULGARIA (Bor'ba s Infektsionnymi i Invazionnymi Boleznyami Zhivotnykh v Bolgarii). 13 Nov 64, 3p Trans. V-1971.
Order from CFSTI or ETC HC $1.00, MF $0.50
TT-65-60241

Trans. of Veterinariya (USSR) 1964, v. 41, no. 9, p. 129.

Legibility of this document is in part unsatisfactory. Reproduction has been made from best available copy.

Skalinskii, E. I.
MIGRATION OF DELAFONDIA VULGARIS LARVAE AND PATHOLOGY PROVOKED BY THEM IN THE BODY OF THE HORSE (Migratsiya Lichinok Delafondia Vulgaris i Vyzyvaemaya imi Pathologiya v Organizme Loshadi). Dec 64[[4p] RTS 2749.
Order from NLL 5s

Trans. of A[kademiya] N[auk] SSSR. Gel'mintologicheskaya Laboratoriya. Trudy, 1954, v. 7, p. 392-393.

Plant Cultivation

Oseledets, N.N.
THE EFFECTS OF CHLORIDES AND SULPHATES ON THE GROWTH AND DEVELOPMENT OF TOBACCO SEEDLINGS.
Order from Pansdoc Pansdoc-tr.283

Trans. of Tabak (USSR) 1956, v.17, no.4, p.53-55. Another trans. is available from LC or SLA mi $1.80, ph $1.80 as TT-60-19574, RTS-1456, June 1960 [5]p.

Shul'gin, A. M.
THE TEMPERATURE REGIME OF SOILS
A. Gourevitch, tr. 1965, 218p 265refs SFCSI Agr.
Order from CFSTI or ETC HC $6.00 TT-65-50083

Trans. of mono. Temperaturnyi Rezhim Pochvy, Leningrad, 1957 [242p].

ASTRONOMY

BULLETIN OF THE MAIN ASTRONOMICAL OBSERVATORY, 1963, VOL. 5, NO. 1. Mar 65, 158p
NASA Technical Trans. F-245.
Order from CFSTI or ETC HC $5.00, MF $1.00
N65-18507

Trans. of Akademiya Nauk URSR, Kiev. Holovna Astronomichna Observatoriya. Izvestiya, 1963, v. 5, no. 1.

For table of contents see the "Periodicals Translated Cover-to-Cover" section of this issue.

Nikolaev, P. V., Rozhinova, I. P., and Sabinin, Yu. A.
PERSPECTIVES OF PHOTON COUNT APPLICATION IN THE PHOTOELECTRIC TRACKING SYSTEMS UTILIZED IN ASTRONOMY (Perspektivy Primeneniya Scheta Fotonov v Fotoelektricheskikh Sledyashchikh Sistemakh Ispol'zyuemykh v Astronomii). 25 Feb 65, 19p ST-TS-OA-10297; NASA TT F-9647
Contract NAS5 3760.
Order from CFSTI or ETC HC $1.00, MF $0.50
N65-17269

Trans. of [Akademiya Nauk SSSR.]. Krymsk[aya] Astrofiz[icheskaya] Observ[atoriya]. Izv[estiya] 1964, v. 32, p. 173-186.

Raizer, Yu. P.
ON THE PROPAGATION OF A SHOCK WAVE IN THE GROUND DURING IMPACT OF A VERY FAST METEORITE AGAINST THE SURFACE OF THE PLANET. 26 Mar 65 [11p] 10refs FTD-TT-64-1038.
Order from CFSTI or ETC HC $1.00, MF $0.50
AD-614 018

Unedited rough draft trans. of Meteoritika (USSR) 1964, v. 24, p. 82-86.

Astrophysics

INTO THE DEPTHS OF SPACE. 22 Mar 65 [6p] FTD-TT-64-1208.
Order from CFSTI or ETC HC $1.00, MF $0.50
AD-613 456

Unedited rough draft trans. from Vyshka (USSR) 1964, 20 Jun, p. 4.

Meffroy, J.
ON THE SYSTEMATIC RESEARCH OF THE RIGOROUS DIFFERENTIAL EQUATIONS OF PLANAR MOTION OF AN ASTEROID OF NEGLIGIBLE MASS IN POLAR COORDINATES. 1963, 3p 1ref.
Order from LS $3.00 LS-208

Trans. of Academie des Sciences [Paris]. Comptes Rendus (France) 1962, v. 255, p. 644-646 (pub. by Gauthier-Villars et Cie., Paris).

Mirzoyan, L. V.
VIKTOR [AMAZASPOVICH] AMBARTSUMYAN (INTRODUCTORY). [46p]
Order from SLA $4.60 TT-60-14222

Partial trans. of Viktor [Amazaspovich] Ambartsumyan, Erevan, 1958.

Molchanov, A. P.
USE OF RADIO DATA TO DETERMINE THE POSITION OF THE REGION IN WHICH THE CHARACTERISTICS OF THE SOLAR ATMOSPHERE CHANGE RAPIDLY (Opredelenie Polozheniya Oblasti Bystrogo Izmeneniya Kharakteristik Solnechnoi Atmosfery po Rezultatam Radioastronomicheskikh Nablyudenii) William J. Grimes, tr. Dec 64 [8p] 11refs AmMetSoc T-R-460
Contract AF19 628 3880
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(Khimiya Sera-Organicheskikn Soedinenii, Soderzhashchikhsya v Neftyakh i Nefteproduktakh; III Nauchnoi Sessii, Ufa, 3-8 Jun 57. Doklady)

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(Shui Wen Ti Chih Kung Ch'eng Ti Chih)

1960, NO. 1

/Following are full translations of selected articles from Shui-wen Ti-chih Kung-ch'eng Ti-chih (Hydrogeology and Engineering Geology), No 1, Peiping, 12 January 1960./

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(Arhiv za Poljoprivredne Nauke i Tehniku)

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(Gigiena Truda i Professional'nye Zabolevaniya)

1964, VOL. 8, NO. 7

SOVIET STUDIES IN LABOR HYGIENE AND OCCUPATIONAL DISEASES

[Following are translations of five articles from the Russian-language journal Gigiyena Truda i Professional'nyye Zabolevaniya (Labor Hygiene and Occupational Diseases), Moscow, Vol VIII, No 7, 1964. Complete bibliographical data accompanies each article.]

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NEWS OF HIGHER EDUCATIONAL INSTITUTIONS. RADIO ENGINEERING

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1964, VOL. 7, NO. 4

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OXIDE COATINGS OF METALS

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